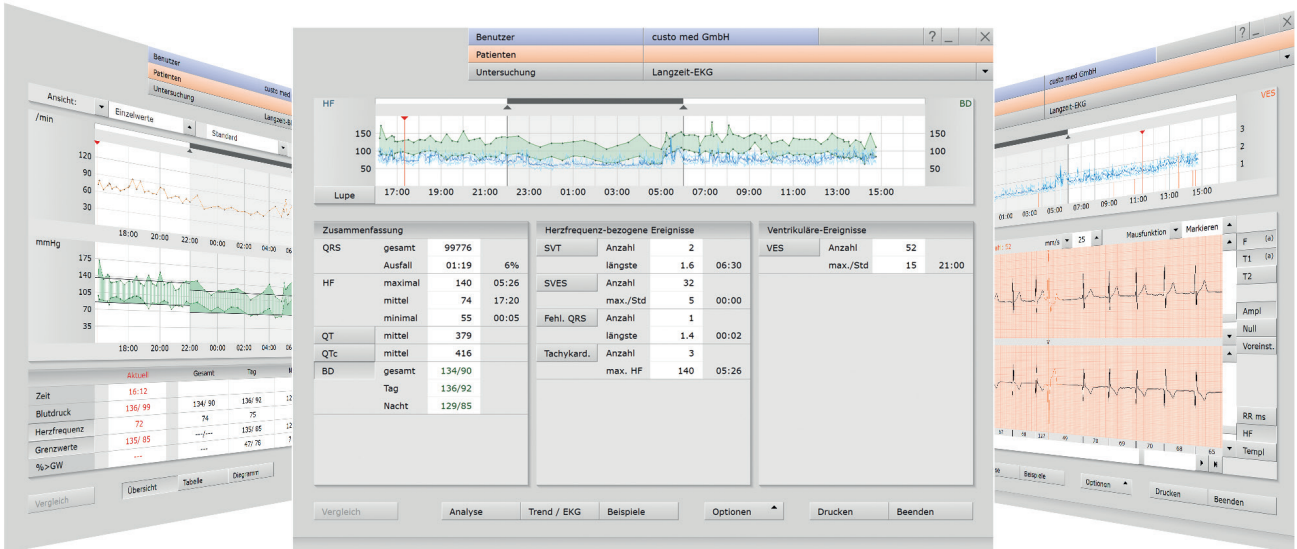




# Holter-ABPM

Synchronous recording of ABPM and Holter with custo screen 400

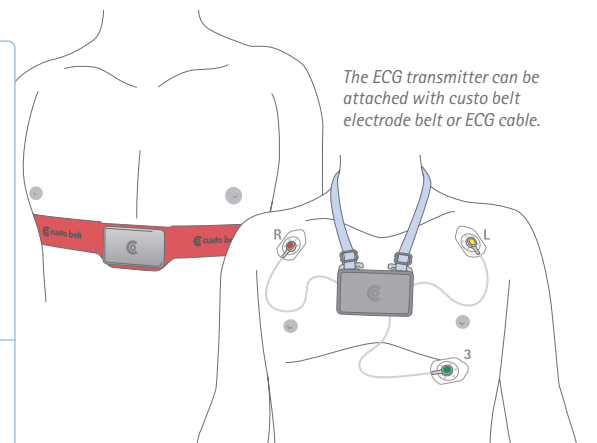


## custo screen 400 and custo guard 3

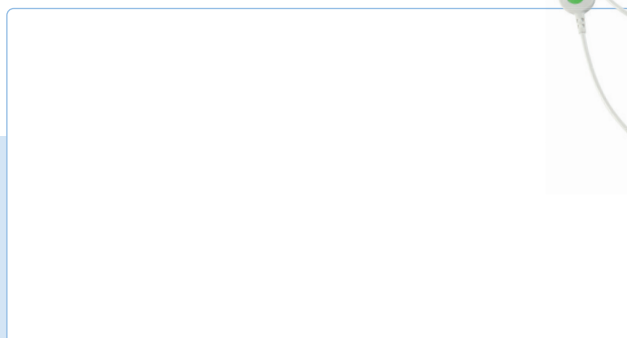
- More patient comfort due to low operating noise and blood pressure adapted inflation control
- High reliability due to two pressure relief valves
- Skin-friendly, synthetic cuff in sizes S to XXL
- Easy and comfortable fitting of the ECG transmitter

## custo diagnostic (software)

- Comparison of all patients' examinations
- Comfortable reports with predefined text modules
- Clearly arranged A4 paper printouts
- Paperless medical practice: Mailing of evaluations and reports as email, fax, PDF and as evaluation file (.cst)
- Versatile connection possibilities into existing IT structures (HL7, FDA-XML, SQL, GDT, SCP)



Your authorised custo med dealer



**custo-med**  
EXCELLENCE IN DIAGNOSTICS

### custo screen 400 (Holter-ABPM recorder)

Measurement method	Oscillometric measurement procedure automatic zero balancing
Measurement range	Heart rate 35 – 220 beats/min, Systole 70 – 270 mmHg, Diastole 40 – 155 mmHg
Cuff pressure	max. 300 mmHg
Number of measurements	max. 500
Recording time	max. 72 hours with ABPM recordings, max. 24 hours with Holter-ABPM recordings
Duration of one measurement	approx. 30 seconds
Measuring intervals	can be set from 5 to 90 minutes
Data transfer	infrared interface with USB connection (IrDA standard) standard SD card for Holter-ABPM recordings
Power supply	3 Mignon 1.5 V, type AA or 3 rechargeable batteries, Ni-MH, 1.2 V, min. 1500 mAh
Dimensions	approx. 100 * 66 * 26 mm (L * W * H)
Weight	approx. 159 g (without batteries)
Cuff sizes	small (children) 20 – 24 cm, standard 24 – 32 cm, x-large 32 – 40 cm, xx-large 38 – 50 cm
Classification	device with internal power supply, class IIa, type BF
Applied standards	IEC 60601-1, IEC 60601-1-2, IEC 80601-2-30, IEC 60601-2-47

**Components for Holter-ABPM:**  
custo screen 400,  
blood pressure cuff,  
3 batteries,  
neoprene bag,  
belt,  
SD card,  
custo com IR,  
USB card reader  
or custo multi com

**Accessories:**  
custo screen protect  
washable fleece pads  
for more hygiene and  
comfort when wearing  
the blood pressure cuff

### custo guard 3 & custo belt 3 (ECG transmitter and electrode belt)

Number of ECG channels	3
Sampling rate	125 Hz, 250 Hz, 500 Hz, 1 kHz
3 dB bandwidth ECG amplifier	0.5 Hz – 150 Hz
Radio frequency band	ISM 2.4 GHz
Radio transmission power	1 mW maximum
Radio performance	stationary frequency
Power supply	rechargeable lithium-polymer battery with 190 mAh
Battery run-time	approx. 3 days at 1 kHz sampling rate and 3 channels approx. 100 days standby mode (73 µA current)
Battery charging time	approx. 3 hours (when fully discharged)
Status display	LED indicator for charging status
Dimensions	approx. 70 * 42 * 12 mm (L * W * H)
Weight	approx. 30 g
Ingress protection rating	IP 65
Dimensions custo belt	length 680 – 1400 mm (not stretched), width 30 – 50 mm
Classification	device with internal power supply, class IIa, type BF
Applied standards	IEC 60601-1, IEC 60601-1-2, IEC 60601-2-47

custo guard 3,  
custo belt 3,  
charger with  
power supply unit,  
ECG cable custo guard 3,  
neck strap

